PATENT

Attorney Docket No.: 09103-009632US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Examiner:

Clark R. Baker, Jr. et al.

Art Unit:

Application No.:

Filed: HEREWITH

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.97 and §1.98

For: METHOD AND APPARATUS FOR ESTIMATING PHYSIOLOGICAL PARAMETERS USING MODEL-BASED

ADAPTIVE FILTERING

Commissioner for Patents

March 22, 2004

P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references can be found in Application No. 10/072,589, filed February 5, 2002 (Attorney Docket No. 009103-009631US). It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that <u>no fee is required</u> for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430.

Respectfully submitted,

Paul C. Haughey Reg. No. 31,836

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834 Tel: 925-472-5000 / Fax: 925-472-8895

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PTO/SB/08A (04-03)

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					Application Number		
	INFO	PRMATI	ON DIS	CLOSURE	Filing Date	HEREWITH	
	STA	TEMEN.	T BY A	PPLICANT	First Named Inventor	Baker, Jr., Clark R., et. al.	
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			U.S. PATENT D	OCOMEN 13	
Examiner	Cite No.	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US-3,647,299	03/07/1972	Lavallee	
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	3	US-4,063,551	12/20/1977	Sweeney	
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	12	US-4,705,049	11/10/1987	John	
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	37	US-4,955,379	09/11/1990	Hall	
	38	US-4,956,867	09/11/1990	Zurek et al.	

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Examiner	Cite	Foreign Patent Document		5.15-6-5	Name of Patentee or	Pages, Columns, Lines, Where Relevant					
Initials*	No.1	Country Code ³	Number ⁴	Kind Code ⁶ (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	T ⁶			
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	69	EP	0 341 327	A1	11/15/1988						

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	Country Code ³		Kind Code ⁵ (if known)		Document	Figures Appear	<u> </u>			
70	GB	2 166 326		04/30/1986						
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	70 71 72	Cite No.¹ Country Code³ 70 GB 71 GB 72 WO	Cite No.¹ Number⁴ 70 GB 2 166 326 71 GB 2 235 288 72 WO 92/15955	Foreign Patent Document Cite No.¹ Number⁴ Kind Code⁵ (if known) 70 GB 2 166 326 71 GB 2 235 288 72 WO 92/15955 A1	Cite No.¹ Foreign Patent Document Publication Date MM-DD-YYYY 70 GB 2 166 326 04/30/1986 71 GB 2 235 288 02/27/1991 72 WO 92/15955 A1 09/17/1992	Cite No.¹ Foreign Patent Document Publication Date MM-DD-YYYY Name of Patentee or Applicant of Cited Document 70 GB 2 166 326 04/30/1986 71 GB 2 235 288 02/27/1991 72 WO 92/15955 A1 09/17/1992	Cite No.¹ Foreign Patent Document Publication Date MM-DD-YYYY Name of Patentee or Applicant of Cited Document Pages, Columns, Lines, Where Relevant Passages or Relevant Passages or Relevant Figures Appear 70 GB 2 166 326 04/30/1986 Televant Passages or Relevant Passages			

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		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
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-	75	BROWN, Robert Grover and HWANG, Patrick Y.C., Introduction to Random Signals and Applied Kalman Filtering, (2nd Ed.), (1992), pp. 231-232, 261, John Wiley & Sons, Inc., New York, NY	
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-	77	COHEN, A., Biomedical Signal Processing, Volume I, Time and Frequency Domains Analysis, pp. 152-159, CRC Press, Inc., Boca Raton, FL	
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	89	STRANG, Gilbert, Introduction to Applied Mathematics, (1986), pp.148-152, Wellesley Cambridge Press, Wellesley, MA		
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